

This listing of claims will replace all prior versions, and listings, of claims in the application:

Amendments to the Claims

Listing of Claims:

45. (Currently Amended) A method for speech recognition, comprising:

receiving a digital data representation of speech having at least one word as a waveform and a digital binary bit stream;

~~decoding~~ analyzing the digital data waveform representation for at least one parameter and comparing the at least one parameter with a parameter of digital data representations corresponding to words stored in a library;

determining a set of ASCII characters based on the ~~decoded~~ analyzed digital data waveform representation;

~~grouping together each ASCII character in the set of ASCII characters into groups;~~

determining the number of syllables in the speech having the at least one word based on the digital data waveform representation; and

~~confirming that~~ determining whether the grouped together ASCII characters in the set of ASCII characters corresponds to the speech having the at least one word by matching the number of syllables determined for the digital data waveform representation with the number of syllables for the word stored in a syllables- the library;

if the number of syllables do not match,

grouping the digital representation of speech binary bit stream into subsets;

mapping each subset of the digital representation of speech into a character representation of speech and generating a stream of character

representations from the digital representation;

parsing the stream of character representations to group the character representations of speech into words.

46-50. (Canceled).

51. (Currently Amended) The method as set forth in claim ~~45~~ 47, further comprising:
receiving ~~user~~ specific input ~~including~~ having at least some of the ASCII characters ~~in the~~ corresponding to the mapping of the digital data representation of the speech having the at least one word;
storing the ~~user~~ input; and
associating ~~user~~ the input including at least some ASCII characters with the received digital data representation of the speech having the at least one word.

52. (Currently Amended) The method as set forth in claim 45 51, wherein the ~~user~~ input is received from a keyboard.

53. (Currently Amended) The method as set forth in claim 45 51, wherein the ~~user~~ input received is user auditory input from a sound card.

54. (Currently Amended) The method as set forth in claim 45, further comprising matching the digital data representation of the speech having the at least one word as a waveform to a digital data representation in the ~~a waveform~~ library based on at least one of: waveform frequency, period and amplitude.

55-64 (Canceled).

65. (Currently Amended) A speech recognition system, comprising:
- a digital data representation of speech having at least one word;
 - ~~a decode digital data representation of speech process operable to receive an~~
interpreter operable to analyze the waveform a digital data representation of speech having at least one word, ~~and decode the digital data representation;~~ determine a set of ASCII characters based on the ~~decoded~~ analyzed digital data representation; ~~and group together each ASCII character in the set of ASCII characters;~~
 - a syllable matching process ~~operable to receive~~ operable to analyze the digital ~~speech data representation waveform of the speech having the at least one word, and~~ determine ~~determine~~ the number of syllables in each word in the of speech having ~~the~~ at least one word, ~~and verify~~ determine whether ~~that the set of ASCII characters in the set of~~ characters corresponds ~~corresponds~~ to the speech having the at least one word by matching the determined number of syllables with the number of syllables for the word ~~in~~ a syllables library selected from the library;
 - if the number of syllables do not corresponds,
 - grouping the digital representation of speech binary bit stream into
 - subsets;
 - mapping each subset of the digital representation of speech into a
 - character representation of speech and generating a stream of character
 - representations from the digital representation; and
 - parsing the stream of character representations to group the character
 - representations of speech into words; and
 - a display screen operable to display the ~~grouped together~~ set of ASCII characters.

66. (Canceled).